

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
CENTRAL VALLEY REGION

ORDER NO. 95-125

WASTE DISCHARGE REQUIREMENTS
FOR
CITY OF IONE
WASTEWATER TREATMENT PLANT
AMADOR COUNTY

The California Regional Water Quality Control Board, Central Valley Region, (hereafter Board) finds that:

1. The City of Ione (hereafter Discharger) submitted a Report of Waste Discharge, dated 28 March 1995, for its wastewater treatment and disposal facility. The property is owned by the City of Ione.
2. Waste Discharge Requirements Order No. 81-041, adopted by the Board on 27 March 1981, prescribes requirements for a discharge of treated domestic wastewater to land. This Order is neither adequate nor consistent with current plans and policies of the Board.
3. The wastewater treatment plant consists of an Imhoff tank converted for aerobic digestion, a clarifier, and five evaporation/percolation ponds connected in series with aeration in the first three ponds.
4. The Discharger discharges on the average 1 million gallons a day of domestic wastewater to land. The treatment plant has a design capacity of 1.2 mgd.
5. The treatment plant is in Section 26, T6N, R9E, MDB&M, with surface water drainage to Sutter Creek, as shown in Attachment A, which is attached hereto and part of the Order by reference.
6. The Board adopted a Water Quality Control Plan, Third Edition, for the Sacramento-San Joaquin Delta Basin (hereafter Basin Plan), which contains water quality objectives for all waters of the Basin. These requirements implement the Basin Plan.
7. The beneficial uses of Sutter Creek are agricultural supply; recreation; esthetic enjoyment; ground water recharge; and preservation and enhancement of fish, wildlife, and other aquatic resources.
8. The beneficial uses of underlying ground water are domestic, and agricultural supply.
9. The action to update waste discharge requirements for this facility is exempt from the provisions of the California Environmental Quality Act (CEQA), in accordance with Title 14, California Code of Regulations (CCR), Section 15301.

WASTE DISCHARGE REQUIREMENTS
FOR CITY OF IONE
WASTEWATER TREATMENT PLANT
AMADOR COUNTY

-2-

10. This discharge is exempt from the requirements of Title 23, CCR, Section 2510, et seq. (hereafter Chapter 15). The exemption, pursuant to Section 2511(b), is based on the following:
 - a. The Board is issuing waste discharge requirements, and
 - b. The discharge complies with the Basin Plan, and
 - c. The wastewater does not need to be managed according to 22 CCR, Division 4.5, Chapter 11, as a hazardous waste.
11. The Board has notified the Discharger and interested agencies and persons of its intent to prescribe waste discharge requirements for this discharge and has provided them with an opportunity for a public hearing and an opportunity to submit their written views and recommendations.
12. The Board, in a public meeting, heard and considered all comments pertaining to the discharge.

~~IT IS HEREBY ORDERED~~ that Order No. 81-041 is rescinded and the City of Ione, its agents, successors, and assigns, in order to meet the provisions contained in Division 7 of the California Water Code and regulations adopted thereunder, shall comply with the following:

A. Discharge Prohibitions:

1. Discharge of wastes to surface waters or surface water drainage courses is prohibited.
2. Bypass or overflow of untreated or partially treated waste is prohibited.
3. Discharge of waste classified as 'hazardous' or 'designated', as defined in Sections 2521(a) and 2522(a) of Chapter 15, is prohibited.

B. Discharge Specifications:

1. The monthly average dry weather discharge flow shall not exceed 1.2 million gallons/day.
2. Objectionable odors originating at this facility shall not be perceivable beyond the limits of the wastewater treatment and disposal areas.
3. As a means of discerning compliance with Discharge Specification No. 2, the dissolved oxygen content in the upper zone (1 foot) of wastewater in ponds shall not be less than 1.0 mg/l.
4. The treatment facilities shall be designed, constructed, operated, and maintained to prevent inundation or washout due to floods with a 100-year return frequency.

WASTE DISCHARGE REQUIREMENTS
FOR CITY OF IONE
WASTEWATER TREATMENT PLANT
AMADOR COUNTY

-3-

5. Ponds shall not have a pH less than 6.5 or greater than 8.5.
6. Ponds shall be managed to prevent breeding of mosquitos. In particular,
 - a. An erosion control program should assure that small coves and irregularities are not created around the perimeter of the water surface.
 - b. Weeds shall be minimized through control of water depth, harvesting, or herbicides.
 - c. Dead algae, vegetation, and debris shall not accumulate on the water surface.
7. Public contact with wastewater shall be precluded through such means as fences, signs, and other acceptable alternatives.
8. Ponds shall have sufficient capacity to accommodate allowable wastewater flow and design seasonal-precipitation and ancillary inflow and infiltration. Design seasonal precipitation shall be based on total annual precipitation using a return period of 25 years, distributed monthly in accordance with historical rainfall patterns. Freeboard shall never be less than two feet (measured vertically to the lowest point of overflow).
9. On or about **1 October** of each year, available pond storage capacity shall at least equal the volume necessary to comply with Discharge Specification 9.

C. Sludge Disposal:

1. Collected screenings, sludges, and other solids removed from liquid wastes shall be disposed of in a manner that is consistent with Chapter 15, Division 3, Title 23, of the California Code of Regulations and approved by the Executive Officer.
2. Any proposed change in sludge use or disposal practice from a previously approved practice shall be reported to the Executive Officer and U.S. Environmental Protection Agency (EPA) Regional Administrator at least 90 days in advance of the change.
3. Use and disposal of sewage shall comply with existing Federal and State laws and regulations, including permitting requirements and technical standards included in 40 CFR 503.

If the State Water Resources Control Board and the Regional Water Quality Control Boards are given the authority to implement regulations contained in 40 CFR 503, this Order may be reopened to incorporate appropriate time schedules and technical standards. The Discharger must comply with the standards and time schedules contained in 40 CFR 503 whether or not they have been incorporated into this Order.

WASTE DISCHARGE REQUIREMENTS
FOR CITY OF IONE
WASTEWATER TREATMENT PLANT
AMADOR COUNTY

-4-

4. The Discharger is encouraged to comply with the State Guidance Manual issued by the Department of Health Services titled *Manual of Good Practice for Landspreading of Sewage Sludge*.
5. By **1 July 1995**, the Discharger shall submit a sludge disposal plan describing the annual volume of sludge generated by the plant and specifying the disposal practices.

D. Ground Water Limitations:

The discharge shall not cause underlying ground water to:

1. Be degraded.
2. Contain chemicals, heavy metals, or trace elements in concentrations that adversely affect beneficial uses or exceed maximum contaminant levels specified in 22 CCR, Division 4, Chapter 15.
3. Contain taste or odor-producing substances in concentrations that cause nuisance or adversely affect beneficial uses.
4. Contain concentrations of chemical constituents in amounts that adversely affect agricultural use.

E. Provisions:

1. The Discharger shall comply with the Monitoring and Reporting Program No. 95-125, which is part of this Order, and any revisions thereto as ordered by the Executive Officer.
2. The Discharger shall comply with the "Standard Provisions and Reporting Requirements for Waste Discharge Requirements", dated 1 March 1991, which are attached hereto and by reference a part of this Order. This attachment and its individual paragraphs are commonly referenced as "Standard Provision(s)."
3. In the event of any change in control or ownership of land or waste discharge facilities described herein, the Discharger shall notify the succeeding owner or operator of the existence of this Order by letter, a copy of which shall be immediately forwarded to this office.
4. At least **90 days** prior to termination or expiration of any lease, contract, or agreement involving disposal or reclamation areas or off-site reuse of effluent, used to justify the capacity authorized herein and assure compliance with this Order, the Discharger shall notify

WASTE DISCHARGE REQUIREMENTS
FOR CITY OF IONE
WASTEWATER TREATMENT PLANT
AMADOR COUNTY

-5-

the Board in writing of the situation and of what measures have been taken or are being taken to assure full compliance with this Order.

5. The Discharger must comply with all conditions of this Order, including timely submittal of technical and monitoring reports as directed by the Executive Officer. Violations may result in enforcement action, including Regional Board or court orders requiring corrective action or imposing civil monetary liability, or in revision or rescission of this Order.
6. A copy of this Order shall be kept at the discharge facility for reference by operating personnel. Key operating personnel shall be familiar with its contents.
7. If reclaimed water is used for construction purposes, it shall comply with the most current edition of "Guidelines for Use of Reclaimed Water for Construction Purposes". Other uses of reclaimed water not specifically authorized herein shall be subject to the approval of the Executive Officer and shall comply with 22 CCR, Division 4.
8. The Board will review this Order periodically and will revise requirements when necessary.

I, WILLIAM H. CROOKS, Executive Officer, do hereby certify the foregoing is a full, true, and correct copy of an Order adopted by the California Regional Water Quality Control Board, Central Valley Region on 26 May 1995.


for WILLIAM H. CROOKS, Executive Officer

26 May 1995/JBM:dlk